

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	4-168499	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 07:37
L2	16	("3786195"   "3828361"   "4301480"   "4365115"   "4406001"   "4696039"   "4700391"   "4903301"   "5341432"   "5548690"   "5574823"   "5630012"   "5630013"   "5668924"   "5717823"   "5742930").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:46
L3	14	("3786195"   "3828361"   "4301480"   "4365115"   "4406001"   "4696039"   "4700391"   "4903301"   "5341432"   "5548690"   "5574823"   "5630012"   "5630013"   "5668924"   "5717823"   "5742930").PN. and (increase or double or speedup or speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:56
L4	127	(decode and (inverse adj transform)) and (timescale or time-scale or (time adj scale))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:57
L5	100	(decode and (inverse adj transform)) and (timescale or time-scale or (time adj scale)) and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:59
L6	0	((decode and (inverse adj transform)) and (timescale or time-scale or (time adj scale)) and ((plurality or multiple or variety) with encoding)).ti,ab,bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:58
L7	0	((decode and (inverse adj transform)) and (timescale or time-scale or (time adj scale))).ti, ab. and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:58
L8	0	((decode and (inverse adj transform)) and (timescale or time-scale or (time adj scale))).ti, ab,bsum. and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:58

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L9	0	(decode and (inverse adj transform)).ti,ab. and (timescale or time-scale or (time adj scale)) and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 07:59
L10	0	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))).ti,ab. and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:00
L11	0	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))).ti,ab,bsum. and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:00
L12	100	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))) and ((plurality or multiple or variety) with encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:00
L13	0	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))) and ((plurality or multiple or variety) near encoding)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:01
L14	0	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))) and ((plurality or multiple or variety) near (encoding or coding))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:01
L15	105	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale))) and ((plurality or multiple or variety) with (encoding or coding))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:01
L16	34	(decode and (inverse adj transform))and (decode and (timescale or time-scale or (time adj scale) or speed).ti,ab.) and ((plurality or multiple or variety) with (encoding or coding))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 08:02

## EAST Search History

L17	28	(US-20060187770-\$ or US-20060143013-\$ or US-20050222847-\$ or US-20050209847-\$ or US-20050209846-\$ or US-20030165325-\$).did. or (US-7149412-\$ or US-6370315-\$ or US-6049766-\$ or US-6484137-\$ or US-6356211-\$ or US-6205420-\$ or US-5809454-\$ or US-7171367-\$ or US-6748357-\$ or US-7010491-\$ or US-6421642-\$ or US-6564187-\$ or US-5781696-\$ or US-6169240-\$ or US-5717818-\$ or US-5611018-\$ or US-3975763-\$ or US-5864792-\$ or US-5717823-\$ or US-5668924-\$ or US-5630013-\$ or US-5341432-\$). did.	US-PGPUB; USPAT	OR	ON	2007/05/18 08:05
L18	10	l17 and (decode or decoding)	US-PGPUB; USPAT	OR	ON	2007/05/18 09:06
L19	0	"5781696".pn. and playback	US-PGPUB; USPAT	OR	ON	2007/05/18 09:06
L20	1	"5781696".pn. and (play-back or speed)	US-PGPUB; USPAT	OR	ON	2007/05/18 09:07
S1	2	"20050209847"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:07
S2	6	Singhal.in. and (pitch).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:09
S3	39	((audio or speech) and (play or playback) and ((increase or faster) near (speed or rate or playback))). ti,ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:11

## EAST Search History

S4	0	((audio or speech) and (play or playback) and ((increase or faster) near (speed or rate or playback))). ti,ab. and ((skip or delete or ignore) with (frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:12
S5	35	((audio or speech) and (play or playback) and ((increase or faster) near (speed or rate or playback))). ti,ab,bsum. and ((skip or delete or ignore) with (frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:13
S6	5	((audio or speech) with (play or playback) with ((increase or faster or speedup) near (speed or rate or playback))).ti,ab,bsum. and ((skip or delete or ignore) with (frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 06:14
S7	11	("4376874"   "5687275"   "5809454"   "5828994"   "5893062"   "6049766"   "6154603"   "6205420"   "6353703"   "6356211"   "6484137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 06:16
S8	25	("5809454").URPN.	USPAT	OR	ON	2007/05/18 06:21
S9	32	("3946504"   "3975763"   "4025723"   "4430754"   "4679480"   "4805217"   "4876937"   "5315057"   "5347478"   "5412152"   "5471009"   "5499316"   "5511000"   "5566154"   "5611018"   "5642383"   "5675709"   "5713021"   "5717818"   "5734119"   "5745650"   "5763800"   "5765129"   "5774863"   "5781696"   "5792971"   "5809454"   "5847303"   "5873059"   "5886278"   "6169240"   "6323797").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 06:24
S10	25	("3946504"   "4805217"   "4876937"   "5315057"   "5347478"   "5412152"   "5471009"   "5499316"   "5511000"   "5611018"   "5675709"   "5713021"   "5717818"   "5734119"   "5745650"   "5763800"   "5765129"   "5774863"   "5781696"   "5792971"   "5809454"   "5847303"   "5873059"   "5886278"   "6169240").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 06:28

## EAST Search History

S11	8	("4164626"   "4624012"   "4734795"   "4783807"   "5298674"   "5365592"   "5375188"   "5457769").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 06:34
S12	23	(US-20050209847-\$ or US-20060187770-\$ or US-20060143013-\$ or US-20050222847-\$ or US-20050209846-\$ or US-20030165325-\$).did. or (US-7149412-\$ or US-6370315-\$ or US-6484137-\$ or US-6356211-\$ or US-6205420-\$ or US-6049766-\$ or US-5809454-\$ or US-7171367-\$ or US-5717818-\$ or US-5611018-\$ or US-6169240-\$ or US-5781696-\$ or US-3975763-\$ or US-7010491-\$ or US-6748357-\$ or US-6564187-\$ or US-6421642-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/18 06:51
S13	12	S12 and (encode or decode or code or FFT or DFT)	US-PGPUB; USPAT	OR	ON	2007/05/18 06:52